

**FIG. 5A**

SEQ ID NO	Target	Oligo type	Sequence (5'-3')
SEQ ID NO:1	human let-7 miRNA	Invader oligo	ggcacuuuuggccAACTATAACCG
SEQ ID NO:2	human let-7 miRNA	probe oligo	CCGTCGGTGTACTACCTCAcgacguuuucguug
SEQ ID NO:3	human let-7 miRNA	arrestor oligo	cgacgaaaacccugggaggaaacgcgg
SEQ ID NO:4	human let-7 miRNA	miRNA	ugaquauquaggguuauauquu
SEQ ID NO:5	human let-7 miRNA	Invader oligo	ggcacuuuuggccAACTATAACACT
SEQ ID NO:6	human let-7 miRNA	probe oligo	CCGTCGGCTGCGTCTACTACCTCAcgacguuuucguug
SEQ ID NO:7	human let-7 miRNA	arrestor oligo	cgacgaaaacccugggaggaaacgcgg
SEQ ID NO:8	human let-7 miRNA	Invader oligo	ggcacuuuuggccAACTATAACAT
SEQ ID NO:9	human let-7 miRNA	probe oligo	AACGAGGGGCACCCCTACTACCTCAcgacguuuucguug
SEQ ID NO:10	human let-7 miRNA	arrestor oligo	cgacgaaaacccugggaggaaacgcgg
SEQ ID NO:11	human miR-1	Invader oligo	ggcacuuuuggccCTCCATACTTCTC
SEQ ID NO:12	human miR-1	probe oligo	AACGAGGGGCACCTACATTCCACgagccuuuuggccug
SEQ ID NO:13	human miR-1	arrestor oligo	cgagccaaaggccugggaauguaaguugcc
SEQ ID NO:14	human miR-1	miRNA	ugggaauguuaggaaquaauugggaa
SEQ ID NO:15	human miR-1	Invader oligo	ggcacuuuuggccCTCCATACTTCC
SEQ ID NO:16	human miR-1	probe oligo	AACGAGGGGCACCTTACATTCCACgagccuuuuggccug
SEQ ID NO:17	human miR-1	arrestor oligo	cgagccaaaggccugggaauguaaguugcc
SEQ ID NO:18	human miR-1	Invader oligo	ggcacuuuuggccCTCCATACTT
SEQ ID NO:19	human miR-1	probe oligo	AACGAGGGGCACCTTACATTCCACgagccuuuuggccug
SEQ ID NO:20	human miR-1	arrestor oligo	cgagccaaaggccugggaauguaaguugcc
SEQ ID NO:21	FAM FRET	Secondary Reaction template	CCA GGA AGC TGA CGC AGC GAC ggu
SEQ ID NO:22	SRT	Secondary Reaction template	ggcacuuuuggccAACTATAACAT
SEQ ID NO:23	human let-7 miRNA	Invader oligo	uugquauquggauquggauqu
SEQ ID NO:24	human let-7c miRNA	miRNA	uugquacquuugquggauquggauqu
SEQ ID NO:25	human let-7e miRNA	miRNA	uugauauquuugquggauquggauqu
SEQ ID NO:26	human let-7f miRNA	miRNA	uugauacquuugquggauquggauqu
SEQ ID NO:27	human miR-135	Invader oligo	ccgaggccaaaggccugggccuuiuugcc
SEQ ID NO:28	human miR-135	probe oligo	AACGAGGGGCACAAAAAGCCATACgagccaaaggccug
SEQ ID NO:29	human miR-135	arrestor oligo	cgagccuuuugccugggccuuiuugcc
SEQ ID NO:30	human miR-135	Invader oligo	ccgaggccaaaggccugggccuuiuugcc
SEQ ID NO:31	human miR-135	probe oligo	AACGAGGGGCACCTAAAAGCCATACgagccaaaggccug
SEQ ID NO:32	human miR-135	arrestor oligo	cgagccuuuugccugggccuuiuugcc
SEQ ID NO:33	human miR-135	Invader oligo	ccgaggccaaaggccugggccuuiuugcc
SEQ ID NO:34	human miR-135	probe oligo	AACGAGGGGCACATAAAAGCCATACgagccaaaggccug
SEQ ID NO:35	human miR-135	arrestor oligo	cgagccuuuugccugggccuuiuugcc
SEQ ID NO:36	human miR-135	Invader oligo	ccgaggccaaaggccugggccuuiuugcc
SEQ ID NO:37	human miR-135	probe oligo	AACGAGGGGCACATAAAAGCCATACgagccaaaggccug
SEQ ID NO:38	human miR-135	arrestor oligo	cgagccuuuugccugggccuuiuugcc

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**FIG. 5B**

<b>SEQ ID NO</b>	<b>Target</b>	<b>Oligo type</b>	<b>Sequence (5'-3')</b>
SEQ ID NO:39	human miR-16	miRNA	uaqcacatcaaauauugacg
SEQ ID NO:40	SRT	Secondary Reaction template	CCAGGAAGCCAAGTGGAGGCGGTGACgg
SEQ ID NO:41	human GAPDH	Invader oligo	ggaaucauauGGAACATGTAAACCATC
SEQ ID NO:42	human GAPDH	probe oligo	CCGCCGAGATCACGTAGTTGAGGTC-NH2
SEQ ID NO:43	human GAPDH	arrestor oligo	gaccuccaauacugaua
SEQ ID NO:44	human miR-125b	miRNA	Uccuggagaccuuauugaua
SEQ ID NO:45	U6 RNA	Invader oligo	GGCATATGCTTAATCTTCA
SEQ ID NO:46	U6 RNA	probe oligo	CCGGCGAGATCACTCTGATCGTTTC-NH2
SEQ ID NO:47	U6 RNA	arrestor oligo	gaacgauacagaua
SEQ ID NO:48	RED FRET		Yct-cXl-1ctcag-toc-g
SEQ ID NO:49	SRT	Secondary Reaction template	CCAGCAAGCCAAGTGGATCTGGGGgu
SEQ ID NO:50	human let-7a miRNA	probe oligo	CCGTGGCTGGGTACTACCTCA-NH2
SEQ ID NO:51	human let-7a miRNA	Invader oligo	AACATATAACAT
SEQ ID NO:52	human let-7a miRNA	probe oligo	CCGTGGCTGGGTACTACCTCA-NH2
SEQ ID NO:53	human let-7a miRNA	Invader oligo	AACATATAACACG
SEQ ID NO:54	human let-7a miRNA	arrestor oligo	ugaduguauagacca
SEQ ID NO:55	human miR-15	probe oligo	AACGAGGGCACATGTGCTGCTACggggccccuuuggcucg
SEQ ID NO:56	human miR-15	Invader oligo	ggcaggcuuuuugcugccCACAAACCATT
SEQ ID NO:57	human miR-15	arrestor oligo	cgcacccaaaggcucguacgcacaugugcgc
SEQ ID NO:58	human miR-15	probe oligo	AACGAGGGCACATGTGCTGCTAGGTCACGCCACGCCG-NH2
SEQ ID NO:59	human miR-15	Invader oligo	GCTCGCCACGCCACAAACCATT
SEQ ID NO:60	human miR-15	stacker oligo	cggcguggcggc
SEQ ID NO:61	human miR-15	arrestor oligo	cggcguggcggcugcagcacaguugcgc
SEQ ID NO:62	human miR-15	miRNA	uagcgcacauaauuguuuug
SEQ ID NO:63	human miR-135	probe oligo	AACGAGGGCACAAAGCCATAGCTCGCACGCCG-NH2
SEQ ID NO:64	human miR-135	Invader oligo	GCTCGCCACGCCACATAGGC
SEQ ID NO:65	human miR-135	arrestor oligo	cggcguggcggcuauggcuuuuauuugugcgc
SEQ ID NO:66	human miR-15	arrestor oligo	uagcgcacauuugcgc
SEQ ID NO:67	human miR-15	probe oligo	AACGAGGGCACATGTGCTGCTAGGGGAAGGCC
SEQ ID NO:68	human miR-15	Invader oligo	GGGGAAAGCCCCAACAAACCATT
SEQ ID NO:69	human miR-15	probe oligo	AACGAGGGCACATGTGCTGCTAGGGGAAGGCC
SEQ ID NO:70	human miR-15	Invader oligo	ggcGAAGCCCACAAACCATT
SEQ ID NO:71	human miR-15	probe oligo	AACGAGGGCACATGTGCTGCTAGggcucugccc
SEQ ID NO:72	human miR-15	Invader oligo	ggcucugccCACAAACCATT
SEQ ID NO:73	human let-7a miRNA	Invader oligo	GGCACATTGGCCAACTATAACAAT
SEQ ID NO:74	human let-7a miRNA	probe oligo	CCGTGGCTGGCTACTACCTCACGACGTTTGTCG
SEQ ID NO:75	human let-7a miRNA	Invader oligo	ggcacTTTGTGCCAACTATAACAAT
SEQ ID NO:76	human let-7a miRNA	probe oligo	CCGTGGCTACTACCTCACGACGTTTcgu

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FIG. 5C

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